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TAFFIO LMGQ9899-BO

TAFFIO LMGQ9899-BO 9-inch Android Head Unit User Manual

For Porsche Cayenne (2003-2010) with Bose AMP

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your TAFFIO LMGQ9899-BO Android Head Unit. This 9-inch multimedia system is specifically designed for Porsche Cayenne models manufactured between 2003 and 2010, including compatibility with the Bose amplifier system. It features an Android 12 operating system, GPS navigation, integrated CarPlay, and Android Auto functionalities.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in injury or damage to the device or vehicle.

- **Professional Installation Recommended:** Due to the complexity of vehicle electronics, professional installation is highly recommended.
- **Power Disconnection:** Always disconnect the vehicle's battery before beginning any installation work to prevent electrical shorts and damage.
- **Wiring:** Ensure all wiring connections are secure and properly insulated to prevent short circuits. Do not modify the wiring harness.
- **Driving Safety:** Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- **Ventilation:** Ensure the unit has adequate ventilation and is not obstructed by other components.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

Delivery Content



Frame + 9 Inch Tablet Radio



MOST ADAPTER



2x USB



GPS -Antenna



4G - Antenna



RCA Plugs & Sim Card Slot



Backup Camera



Power Cable + CAN BUS



Antenna Adapter



Screws

Figure 3.1: Overview of included components. This image displays the main head unit, frame, MOST adapter, USB cables, GPS antenna, 4G antenna, RCA plugs, SIM card slot, backup camera cable, power cable with CAN BUS, antenna adapter, and mounting screws.

- 1x TAFFIO 9-inch Multimedia + Navigation System
- 1x Frame for Porsche Cayenne (2003-2010)
- 1x Power Cable with CAN BUS Decoder
- 1x MOST Adapter for BOSE AMP (for vehicles with Bose sound system)
- 1x GPS Antenna
- 1x 4G Antenna
- 2x USB Cables
- 1x RCA Audio/Video Cables Set (including video input, audio input, subwoofer output)
- 1x Backup Camera Input Cable
- 1x Antenna Adapter
- Mounting Screws
- 1x User Manual (English, PDF available for download)

4. SETUP AND INSTALLATION

The TAFFIO LMGQ9899-BO is designed for Plug & Play installation, minimizing the need for additional adapters or mounting frames. However, careful attention to wiring is crucial.

4.1 Wiring Diagram

Refer to the following diagram for proper connection of the head unit components.



Figure 4.1: Connection points for the TAFFIO LMGQ9899-BO. This diagram illustrates the rear panel connections and the main wiring harness, detailing inputs for GPS, 4G, video, audio, camera, USB, power, CAN-BUS, and connections to the original car cables.

1. **GPS Antenna:** Connect the GPS antenna for navigation functionality.
2. **4G Antenna:** Connect the 4G antenna for mobile data connectivity.
3. **Video Plugs:** Connect external video sources or outputs.
4. **Audio Plugs:** Connect external audio sources or outputs (e.g., subwoofer).
5. **Camera IN:** Connect a backup camera here. The unit supports automatic switching when reversing.

6. **USB (1 & 2):** Connect USB devices for media playback or charging.
7. **Power Cable:** Connect the main power cable to the vehicle's harness.
8. **CAN-BUS Connector:** Connect the CAN-BUS decoder for vehicle communication.
9. **Connect to Original Car Cable (1 & 2):** These are primary connections to the vehicle's existing wiring.
10. **Connect to TAFFIO Radio Cable:** Specific connection for the radio antenna.

4.2 Bose AMP Integration

For Porsche Cayenne models equipped with the Bose sound system, utilize the included MOST Adapter. This adapter ensures proper audio signal transmission and compatibility with the factory amplifier.

4.3 Initial Power-Up

After installation, reconnect the vehicle's battery. The unit should power on automatically with the ignition. Follow any on-screen prompts for initial setup, such as language selection and time zone.

5. OPERATING INSTRUCTIONS

The TAFFIO head unit features an intuitive Android interface with a capacitive multi-touch screen.

5.1 Main Interface Overview

The main screen provides quick access to core functions like Clock, Music, Navigation, and Radio.



Figure 5.1: Main user interface with shortcuts to essential applications.

5.2 App Management

Access the full list of installed applications by swiping up or tapping the app drawer icon. You can download additional apps from the Play Store.



Figure 5.2: App drawer showing available applications.

5.3 GPS Navigation

The unit supports various navigation applications. Use the pre-installed navigation software or download your preferred app from the Play Store. The 2-Zone function allows navigation in the front while other media plays in the back.

5.4 CarPlay & Android Auto

The head unit features integrated Wireless CarPlay and Android Auto functionality, eliminating the need for external adapters.



Figure 5.3: Wireless CarPlay interface.

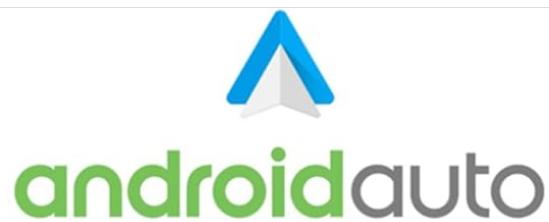


Figure 5.4: Android Auto interface.

To activate: Connect your smartphone via Bluetooth or USB. Follow the on-screen prompts to enable CarPlay or Android Auto.

5.5 Bluetooth Functions

Pair your mobile phone via Bluetooth for hands-free calling and A2DP music streaming.



Figure 5.5: Bluetooth phone dialer interface.

Pairing: Go to Bluetooth settings on the head unit and your phone. Search for available devices and select the head unit. Confirm the pairing code.

5.6 Radio (FM/AM)

The unit includes an FM/AM tuner with RDS (Radio Data System) for displaying station information.



Figure 5.6: Radio tuner interface.

Scanning: Use the scan function to find available stations. Save your favorite stations to presets.

5.7 Audio Settings (Equalizer)

Adjust audio output using the integrated equalizer. Preset options (Pop, Classic, Rock, Jazz) and custom user settings for Bass/Treble/Balance are available.



Figure 5.7: Amplifier and audio balance settings.

5.8 Other Features

- **Media Playback:** Play music, pictures, and videos directly from USB/SD/SDHC slots.
- **WIFI:** Connect to WLAN hotspots or your smartphone's hotspot for internet access.
- **Rear Camera:** Automatic switching to the rear camera view when reversing.
- **Auto-Memory:** All saved settings and positions are automatically retained.
- **Day and Night Display:** Automatic or manual adjustment of display brightness.

6. MAINTENANCE

Proper care ensures the longevity and optimal performance of your head unit.

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-specific cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit and surrounding area free of dust and debris. Use a soft brush or compressed air for vents and crevices.
- **Temperature:** Avoid exposing the unit to extreme temperatures.

- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Refer to the manufacturer's website or the unit's settings for update procedures.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions before contacting support.

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; Blown fuse; Incorrect wiring.	Check power connections and vehicle fuses. Ensure wiring is correct as per diagram.
No sound or poor sound quality.	Incorrect audio settings; Loose speaker wires; MOST adapter issue (for Bose systems).	Check volume and equalizer settings. Verify speaker connections. Ensure MOST adapter is correctly installed and functioning.
GPS signal is weak or inaccurate.	GPS antenna obstructed or improperly installed.	Ensure GPS antenna has a clear view of the sky and is securely connected.
Bluetooth connection issues.	Phone not in pairing mode; Interference; Incorrect pairing process.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and try again. Move closer to the unit.
CarPlay/Android Auto not connecting.	Incorrect phone settings; USB cable issue; Software glitch.	Ensure your phone is compatible and has the latest OS. Try a different USB cable. Restart both the head unit and your phone.
Touchscreen unresponsive.	Temporary software issue; Screen damage.	Perform a soft reset (refer to device settings for reset option). If issue persists, contact support.

For issues not covered here, please consult the PDF manual available for download or contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	LMGQ9899-BO
Operating System	Android 12
CPU	Octa-Core 1.6Ghz
RAM	4GB
Internal Storage	64GB Flash
Display Size	9 Inches
Display Type	Capacitive Multi-Touch Screen
Resolution	FULL HD
Connectivity	Bluetooth, WIFI, USB, 4G (via antenna)

Feature	Specification
Navigation	GPS (Worldwide map support)
Special Features	Integrated CarPlay & Android Auto, RDS Radio, 2-Zone Function, Back-Zone Function, Rear Camera Input, Play Store access
Audio Output Mode	AUX, 4x Audio Outputs, 1x Subwoofer Output
Manufacturer	Real Media GmbH & Co. KG - Germany

9. WARRANTY AND SUPPORT

Your TAFFIO LMGQ9899-BO head unit comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical support, or further assistance, please contact your retailer or the manufacturer directly. Ensure you have your proof of purchase and product model number readily available.

Manufacturer: Real Media GmbH & Co. KG - Germany